

Mayur Zala

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Professional Summary

Seasoned Software Engineer with 8 years of experience, specializing in Angular and building high-performance, scalable frontend applications for real-time data acquisition and visualization. Extensively experienced in designing intuitive user interfaces and complex web solutions with Agile methodology. Complemented by full-stack skills in .NET Core, NodeJS and SQL with a solid understanding of RESTful APIs, Microservices. Proven track record of delivering end-to-end solutions in cloud environments across sectors like IoT, EV charging, Parking and Transportation.

Skills

- HTML, CSS and JavaScript
- Angular
- .NET
- PostgreSQL, Microsoft SQL Server
- Docker
- Azure DevOps

Experience

SENIOR SOFTWARE ENGINEER | SYNOPTEK INDIA PVT. LTD. | AUGUST 2022 – PRESENT

Developed dynamic and scalable web applications using Angular to meet business requirements and user needs. Designed and implemented responsive web applications, ensuring cross-browser compatibility to provide a seamless user experience across all devices and browsers. Collaborated with cross-functional teams in an Agile environment to deliver high-quality, timely software solutions that align. Utilized RxJS for reactive programming to manage asynchronous data streams and improve application performance. Developed and maintained styling using CSS/SCSS, ensuring code reusability and maintainability for consistent visual design.

- **Transportation Management System – Angular | .NET | MS SQL Server**
 - Developed a Transportation Management System (TMS) to streamline logistics and transportation operations for a large logistics company. Designed user-friendly interfaces for managing deliveries and live data updates for real-time tracking. Implemented robust reporting of Microsoft Power BI to assist managers in making data-driven decisions, improving overall logistics performance.
- **Parking Management System – Angular | .NET | MS SQL Server**
 - Worked as a front-end developer for Airport Parking Management System to optimize parking operations for the airport.

SOFTWARE ENGINEER | SYSTEM LEVEL SOLUTIONS PVT. LTD. | MARCH 2019 – AUGUST 2022

Led the development of multiple high-impact web applications for rendering, analyzing, and visualizing IoT device data, driving improvements in operational efficiency and real-time data insights. Designed and implemented full-stack web applications for real-time data acquisition and visualization, leveraging Angular. Employed RxJS for reactive programming to optimize asynchronous data handling and boost application performance. Managed and developed scalable styling using CSS/SCSS, ensuring consistent and maintainable visual designs.

- **LoRa WAN Cloud Server – Angular | .NET | PostgreSQL | MQTT**
 - Developed a web application for managing LoRa WAN gateways and connected devices. Application featured data visualization, device health report.
- **EV Charger Management System – Angular | .NET | PostgreSQL | MQTT**
 - Spearheaded the design and implementation of an EV Charge Point management system.
- **Smart Meter Reading System – Angular | .NET | PostgreSQL | MQTT**

- Built a web portal for displaying real-time and historical gas meter consumption with interactive data visualization.

JUNIOR SOFTWARE ENGINEER | VRINDI INDIA PVT. LTD. | MAY 2017 – MARCH 2019

Started journey of web development, worked as a support engineer for restaurant online ordering system. Worked with ASP.NET Web forms. Worked on client support requests. Provided technical support, troubleshooting issues and optimal functionality of websites.

- **Restaurant Online Ordering System – ASP.NET Web forms | MS SQL Server**
 - Worked in website management as well as support request handling.

Education

MASTERS OF COMPUTER APPLICATION – GUJARAT TECHNOLOGICAL UNIVERSITY APRIL 2017
BACHLORS OF COMPUTER APPLICATIONS – SARDAR PATEL UNIVERSITY APRIL 2015

Contact

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